

Dar Dowlatshahi, MD PhD FRCP(C) ddowlat@toh.ca

<http://www.ohri.ca/Profiles/dowlatshahi.asp>

Curriculum Vitae

**Associate Professor of Medicine, University of Ottawa
Department of Medicine Clinician-Scientist Chair
Scientist, Ottawa Hospital Research Institute
Scientific Director, Ottawa Stroke Research Group
Stroke Neurologist, Ottawa Hospital**



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ACADEMIC APPOINTMENTS

2016 - present	Associate Professor, Department of Medicine (Neurology) University of Ottawa
2013 - present	Scientist, Neurosciences Ottawa Hospital Research Institute
2013 - present	Scientific Director, Ottawa Stroke Research Group, Faculty of Medicine, University of Ottawa
2012 – present	Member, Faculty of Graduate and Post-doctoral Studies University of Ottawa, applied for renewal Jan 2014
2011 - present	Cross-appointment, Department of Clinical Epidemiology, Public Health and Preventative Medicine & applied for renewal Jan 2014 University of Ottawa
2010 - 2016	Assistant Professor, Department of Medicine (Neurology) University of Ottawa
2010 - present	Consultant Neurologist Ottawa Hospital
2010 - 2013	Associate Scientist Ottawa Hospital Research Institute

EDUCATION

- 2009 – 2010** **Stroke Fellowship**
Ottawa Hospital, University of Ottawa
- 2008 – 2010** **RCPSC Clinician Investigator Program**
University of Ottawa
- 2008 – 2009** **Cerebrovascular Disease Fellowship**
Calgary Stroke Program, Foothills Medical Centre
University of Calgary
- 2003 – 2008** **Neurology Residency**
Ottawa Hospital, University of Ottawa
- 2000 – 2003** **Doctor of Medicine**
McMaster University
- 1997 – 2003** **Doctor of Philosophy**
Medical Sciences (Neuroscience & Behavioural Sciences)
McMaster University
- 1993 – 1997** **Bachelor of Science, Combined Honours**
Biology & Psychology
McMaster University

CERTIFICATIONS & LICENSES

Licentiate of the Medical Council of Canada 2004

Fellow of the Royal College of Physicians and Surgeons of Canada 2008

Independent license, College of Physicians and Surgeons of Ontario 2009

ICH-GCP International Conference on Harmonisation / WHO Good Clinical Practice standards certification, 2011

Clinical Research Training, Health Canada Division 5 Certification, 2013

CONTINUING MEDICAL EDUCATION

- 2017/05** Crucial Conversations, University of Ottawa, Canada, Ontario
- 2016/09** Managing People Effectively, Joule/Canadian Medical Association
- 2016/04** Physician Mentorship Training Program, University of Ottawa
- 2016/01** Academic Leadership Course, University of Ottawa
- 2014** Developing Professionalism in our Learners, University of Ottawa
- 2011** Neurocritical Care society annual review course
- 2008 - 2010** Clinician-Investigator seminar series in clinical epidemiology, statistics, and technology transfer.
- 2009 - 2013** Canadian Stroke Consortium annual stroke review course
- 2008** OHRI Clinical Research Course in ethics, legislation, trial design & methodology, safety & monitoring.
- 2006 - 2008** Clinical Epidemiology seminar series, Neurology Residency

AWARDS & SCHOLARSHIPS

*Details in Salary Awards Section.

2018	Heart & Stroke Foundation, Scientist Award, (3 years)*
2018	The Ottawa Hospital Research Excellence Team Award, The Ottawa Stroke Program, Ottawa Hospital
2017	Department of Medicine Mentorship Award, University of Ottawa
2016	Guardian Angel Award for clinical care, The Ottawa Hospital
2015	Guardian Angel Award for clinical care, Ottawa Hospital - Civic Campus, Canada, Ontario
2014	Department of Medicine Clinical-Scientist Chair, New Investigator Award (5 years)* Tier 2
2013	Heart & Stroke Foundation, New Investigator Award (5 years)*
2013	Declined: Heart & Stroke Foundation of Ontario Clinician-Scientist Award (5 years)*
2013	AHA International Stroke Conference Junior Investigator Travel Award
2012	Stroke thrombolysis door-to-needle award x3, Ottawa Hospital
2011	Stroke thrombolysis door-to-needle award x2, Ottawa Hospital
2010	Ottawa Hospital Guardian Angel (clinical care)
2010	Stroke thrombolysis door-to-needle award x3, Ottawa Hospital
2010	University of Ottawa Department of Medicine Junior Research Salary Award*
2008	Canadian Institutes of Health Research Fellowship (2 years)
2008	University of Ottawa Fellowship for New Faculty (2 years)
2007	Resident's Research Day Award for Poster Presentation
2007	Certificate of Teaching Excellence for Senior Residents
2004	Resident's Research Day Award of Excellence
2001	Richard & Mary Pelling Scholarship
2001	Graduate Student's Association Travel Award
2001	CIHR-Burroughs-Wellcome Award
1999	NSERC PGS-B Scholarship
1999	SmithKline-Beechem Award
1999	Ontario Graduate Scholarship (<i>declined</i>)
1999	PMAC-HRF/MRC Graduate Award in Pharmacology (<i>declined</i>)
1998	PMAC-HRF/MRC Graduate Award in Pharmacology

SALARY AWARDS

- 2018 – 2021** Scientist Award, Heart and Stroke Foundation of Canada
(\$80,000/year)
- 2014 – 2019** Clinical-Scientist Chair, Department of Medicine, Ottawa Hospital, New Investigator Award, Tier 1, (\$150,000/year)
- 2013 – 2018** New Investigator Award, Heart and Stroke Foundation of Canada,
(\$60,000/year)
- 2013 – 2018** **Declined:** Clinician-Scientist Phase I, Heart and Stroke Foundation of Ontario, (\$70,000/year)
- 2010 - 2013** Junior Research Salary Award, University of Ottawa Department of Medicine, (\$60,000/year)

PROFESSIONAL MEMBERSHIPS

American Academy of Neurology
American Heart Association/American Stroke Association
Canadian Stroke Consortium
Canadian Stroke Network
Canadian Medical Association/Ontario Medical Association
Royal College of Physicians and Surgeons of Canada, Fellow

PEER-REVIEWED GRANTS

Date(s)	Source	Type	Investigator	Amount
2019/7 - 2022/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> Canadian Study of Arterial Inflammation in Diabetes and the EvaluatioN of Canakinumab Effectiveness - CADENCE <u>Program:</u> Grant in Aid	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Benlands, Rob	Funding Total: (\$300,000.00)
2019/4 - 2024/3	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Canadian Study of Arterial Inflammation in Diabetes and the EvaluatioN of Canakinumab Effectiveness - CADENCE <u>Program:</u> Project Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Beanlands, Rob	Funding Total: (\$465,000.00)
2018/9 - 2020/3	HSF Canadian Partnership for Stroke Recovery (CPSR) <u>Title:</u> Validating the English Version of the Language Screening Test (LASTen) for Aphasia: Post- stroke diagnostic accuracy and acute stage aphasia outcomes <u>Program:</u> Catalyst Grant	<u>Type:</u> Grant	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Flowers, Heather	Funding Total: (\$49,500.00)
2018/7 - 2021/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> RecoverNow: early tablet-based speech therapy for post stroke aphasia <u>Program:</u> Grant-in-Aid	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: (\$290,899.00 Canadian dollar) (\$290,899.00 Canadian dollar received)
2018/4 - 2023/3	Canadian Institutes of Health Research (CIHR)	<u>Type:</u> Grant	<u>My Role:</u> Co-investigator	Funding Total:

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Date(s)	Source	Type	Investigator	Amount
	<p><u>Title:</u> TEMPO-2 - A randomized controlled trial of TNK-tPA versus standard of care for minor ischemic stroke with proven occlusion.</p> <p><u>Program:</u> Project Grant</p>	<p><u>Purpose:</u> Operating</p>	<p><u>Principal Investigator:</u> Shelagh Coutts</p>	<p>(\$1,992,825.00 Canadian dollar)</p>
2018/4 - 2020/3	<p>Canadian Institutes of Health Research (CIHR)</p> <p><u>Title:</u> SECRET: Study of rivaroxaban for CeREbral venous Thrombosis</p> <p><u>Program:</u> Project Grant</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Co-investigator</p> <p><u>Principal Investigator:</u> Field, Thalia Soshana</p>	<p>Funding Total: (\$191,250.00 Canadian dollar)</p>
2017/10 - 2018/9	<p>Canadian Institutes of Health Research (CIHR)</p> <p><u>Title:</u> Engaging Persons with cerebral venous thrombosis for meaningful Outcomes and peER support (EmPOwER)</p> <p><u>Program:</u> Planning and Dissemination</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Establishment</p>	<p><u>My Role:</u> Co-investigator</p> <p><u>Principal Investigator:</u> Field, Thalia Shoshana</p>	<p>Funding Total: (\$10,250.00 Canadian dollar) (Canadian dollar received)</p>
2017/8 - 2018/3	<p>Heart & Stroke Foundaton Canadian Partnership for Stroke Recovery</p> <p><u>Title:</u> protocol development for SMASHIS stem cell clinical trial</p> <p><u>Program:</u> .</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Establishment</p>	<p><u>My Role:</u> Principal Investigator</p>	<p>Funding Total: (\$15,000.00 Canadian dollar) (\$15,000.00 Canadian dollar received)</p>
2017/4 - 2022/3	<p>Canadian Institutes of Health Research (CIHR)</p> <p><u>Title:</u> Aneurysmal Subarachnoid Hemorrhage Red Blood Cell Transfusion and Outcome (SAHaRA):A Randomized Controlled Trial</p> <p><u>Program:</u></p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Co-investigator</p> <p><u>Principal Investigator:</u> English, Shane</p>	<p>Funding Total: (\$1,384,650.00 Canadian dollar)</p>

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Date(s)	Source	Type	Investigator	Amount
	Project Grant			
2017/4 - 2019/3	CaSTOR/CIHR <u>Title:</u> RecoverNow: Bringing Rehabilitation to the acute care setting <u>Program:</u> Collaborative Network Grant	<u>Type:</u> Grant <u>Purpose:</u> Establishment	<u>My Role:</u> Principal Investigator	Funding Total: (\$29,840.00)
2017/4 - 2019/3	CaSTOR/CIHR <u>Title:</u> Canadian Hemorrhagic Stroke trials Initiative <u>Program:</u> Collaborative Network Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Ashkan Shoamanesh	Funding Total: (\$30,167.00) (Canadian dollar received)
2017/4 - 2019/3	CaSTOR/CIHR <u>Title:</u> Canadian Platform for Non-invasive Brain Stimulation <u>Program:</u> Collaborative Newtork Grant	<u>Type:</u> Grant <u>Purpose:</u> Establishment	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Alex Thiel	Funding Total: (\$31,500.00)
2017/4 - 2018/3	Canadian Institutes of Health Research (CIHR) <u>Title:</u> TEMPO-2 - A randomized controlled trial of TNK-tPA versus standard of care for minor ischemic stroke with proven occlusion (bridge funding) <u>Program:</u> Project Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Shelagh Coutts	Funding Total: (\$100,000.00 Canadian dollar)
2016/4 - 2019/3	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Extension of Stroke Care by Added neuroProtection to Endovascular treatment (ESCAPE-NA1) <u>Program:</u> Operating Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Hill, Michael	Funding Total: (\$2,148,245.00 Canadian dollar)

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Date(s)	Source	Type	Investigator	Amount
2016/4 - 2017/3	Canadian Partnership for Stroke Recovery <u>Title:</u> Recover Now <u>Program:</u> Seed funding	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: (\$70,000.00 Canadian dollar)
2016/3 - 2022/3	Ministry of Research and Innovation (MRI) (Ontario) <u>Title:</u> Healthcare utilization for NOAC-related hemorrhages <u>Program:</u> Early Researcher Award	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: (\$150,000.00 Canadian dollar)
2015/10 - 2019/9	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Aneurysmal SubArachnoid Hemorrhage - Red Blood Cell Transfusion And Outcome (SAHaRA): a Pilot Randomized Controlled Trial <u>Program:</u> Operating Grant: Priority Announcement - Transfusion Science funding opportunity.	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> English, Shane	Funding Total: (\$157,172.00 Canadian dollar)
2015/6 - 2019/5	Canadian Institutes of Health Research (CIHR) <u>Title:</u> DOC-Utility: Simple screening of Depression, Obstructive sleep apnea and Cognitive impairment to Identify Stroke Clinic Patients at Risk of Adverse Outcomes. <u>Program:</u> Operating Grant	<u>Type:</u> Grant	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Rick Swartz	Funding Total: (\$725,535.00 Canadian dollar)
2015/4 - 2016/3	Canadian Partnership for Stroke Recovery <u>Title:</u> iRecover pilot: An iPad cognitive-behavioural therapy intervention to detect and treat	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: (\$50,000.00 Canadian dollar)

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Date(s)	Source	Type	Investigator	Amount
	post-stroke depression in the acute care setting <u>Program:</u> Catalyst Grant			
2015/1 - 2017/12	The Champlain Regional Stroke Network, Rehab Network of Champlain <u>Title:</u> TeleRehab for Patients with Post Stroke Communication Deficits using Mobile Technology <u>Program:</u> .	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Karen Mallet	Funding Total: (\$56,000.00 Canadian dollar)
2014/7 - 2019/6	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Canadian Stroke Organization for Clinical Research (CaSTOR) <u>Program:</u> ICRH Community Development Program Grants - Stroke Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Co-investigator:</u> BARBER, Philip A,; BLACK, Sandra E,; BUTCHER, Kenneth S,;DOWLATSHAHI, Dariush,; DUKELOW, Et al. <u>Principal Investigator:</u> DEMCHUK, Andrew M, HILL, Michael D;	Funding Total: (\$1,500,000.00 Canadian dollar)
2014/7 - 2017/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> Predicting early intracerebral hemorrhage expansion using the dynamic CTA spot sign (renewal) <u>Program:</u> Grant in aid	<u>Type:</u> Grant	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Santanu Chakraborty	Funding Total: (\$159,000.00 Canadian dollar)
2013/7 - 2018/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> New Investigator Award <u>Program:</u> New Investigator Award	<u>Type:</u> Research Chair	<u>My Role:</u> Principal Investigator	Funding Total: (\$300,000.00 Canadian dollar)

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Date(s)	Source	Type	Investigator	Amount
2013/4 - 2018/3	Ontario Brain Institute <u>Title:</u> Neurodegeneration Integrated Discovery Program <u>Program:</u> Neurodegeneration Integrated Discovery Program	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Michael Strong	Funding Total: (\$28,500,000.00 Canadian dollar)
2013/3 - 2016/2	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Evaluation of Blood Product Utilization, Healthcare Resource Consumption and Patient Outcomes in Novel Oral Anticoagulant-related Hemorrhage. <u>Program:</u> Operating Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Ana Johnson, Sam Schulman <u>Co-investigator:</u> Anne Holbrook, Antonio Giulivi, Chris Simpson, Nancy Heddle, Philip Wells	Funding Total: (\$304,604.00 Canadian dollar)
2012/7 - 2015/6	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Identifying new approaches to optimize thrombus characterization for predicting early recanalization and reperfusion with iv tPA. <u>Program:</u> Operating grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Demchuk, Andrew	Funding Total: (\$337,350.00 Canadian dollar)
2012/7 - 2014/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> Predicting early intracerebral hemorrhage expansion using the dynamic CTA spot sign <u>Program:</u> Grant in aid	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Santanu Chakraborty <u>Co-investigator:</u> Andrew Demchuk, Franco Momoli, Grant Stotts, Matt Hogan, Mukul Sharma, Richard Aviv	Funding Total: (\$96,000.00 Canadian dollar)
2011/3 - 2012/3	J.P. Bickell Foundation <u>Title:</u>	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: (\$65,000.00 Canadian dollar)

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Date(s)	Source	Type	Investigator	Amount
	A multimodal neuro-imaging registry for intracerebral hemorrhage <u>Program:</u> Research Fund			
2010/9 - 2015/8	Canadian Institutes of Health Research (CIHR) <u>Title:</u> "Spot Sign" Selection of Intracerebral Hemorrhage to Guide Hemostatic Therapy (SPOTLIGHT): A Randomized Controlled Trial <u>Program:</u> Operating Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Co-investigator:</u> Andrew Demchuk, Richard Aviv <u>Principal Investigator:</u> Gladstone, David	Funding Total: (\$1,708,141.00 Canadian dollar)
2008/7 - 2010/7	Canadian Institutes of Health Research (CIHR) <u>Title:</u> CIHR Fellowship award <u>Program:</u> Clinical Research Fellowship Award	<u>Type:</u> Fellowship	<u>My Role:</u> Principal Applicant	Funding Total: (\$110,000.00 Canadian dollar)
1999/9 - 2000/9	NSERC <u>Title:</u> NSERC Graduate scholarship <u>Program:</u> NSERC PGS-B scholarship	<u>Type:</u> Fellowship	<u>My Role:</u> Principal Applicant	Funding Total: (\$20,000.00 Canadian dollar)
1998/9 - 1999/9	MRC <u>Title:</u> Graduate Research Award in Pharmacology <u>Program:</u> PMAC-HRF/MRC Graduate Award in Pharmacology	<u>Type:</u> Fellowship	<u>My Role:</u> Principal Applicant	Funding Total: (\$14,000.00 Canadian dollar)

INTERNAL RESEARCH FUNDING:

Date(s)	Source	Type	Investigator	Amount
2019/1 - 2024/12	<p>University of Ottawa Brain and Mind</p> <p><u>Title:</u> uOBMRI-Stroke Research Consortium: Clinical Research Chair Support Grant</p> <p><u>Program:</u> UOBMIR - Stroke Research Consortium Research Chair</p>	<p><u>Type:</u> Research Chair</p>	<p><u>My Role:</u> Principal Applicant</p>	<p>Funding Total: (\$50,000.00 Canadian dollar)</p>
2018/7 - 2021/6	<p><u>Title:</u> RecoverNow: Early mobile tablet-based speech therapy for post-stroke aphasia.</p> <p><u>Program:</u> Clinician Scientist Award</p>	<p><u>Type:</u> Research Chair</p>	<p><u>My Role:</u> Principal Investigator</p>	<p>Funding Total: (\$240,000.00 Canadian dollar)</p>
2015/1 - 2017/12	<p>The Ottawa Hospital Academic Medical Organization</p> <p><u>Title:</u> Bringing stroke rehabilitation to the acute care patient</p> <p><u>Program:</u> Innovation Fund</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Principal Investigator</p>	<p>Funding Total: (\$100,000.00 Canadian dollar) (\$100,000.00 received)</p>
2015/1 - 2016/12	<p>Department of Medicine, The Ottawa Hospital</p> <p><u>Title:</u> Prospective evaluation of intraluminal internal carotid artery free-floating thrombus: a pilot feasibility study.</p> <p><u>Program:</u> Developmental Research Grant</p>	<p><u>Type:</u> Grant</p>	<p><u>My Role:</u> Principal Applicant</p> <p><u>Co-applicant:</u> Cheemun Lum</p> <p><u>Co-investigators:</u> Carlos Torres, Dana Iancu, Franco Momoli, Rebecca Thornhill</p>	<p>Funding Total: (\$49,000.00 Canadian dollar)</p>
2014/7 - 2017/6	<p>University of Ottawa Brain & Mind Institute</p> <p><u>Title:</u> Early interventional rehabilitation care for stroke</p> <p><u>Program:</u> Operating grant</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Principal Investigator</p>	<p>Funding Total: (\$210,000.00 Canadian dollar)</p>

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Date(s)	Source	Type	Investigator	Amount
2014/1 - 2018/12	<p>University of Ottawa</p> <p><u>Title:</u> Department of Medicine Clinician-Scientist Chair, New Investigator Award, Tier 2</p> <p><u>Program:</u> Department of Medicine Salary Award</p>	<p><u>Type:</u> Research Chair</p>	<p><u>My Role:</u> Principal Investigator</p>	<p>Funding Total: (\$750,000.00 Canadian dollar)</p>
2012/1 - 2014/12	<p>University of Ottawa</p> <p><u>Title:</u> Clinical Outcomes Following Parafascicular Surgical Evacuation of Intracerebral Hemorrhage: MiSpace Pilot Study (NCT 01920763)</p> <p><u>Program:</u> Department of Medicine</p>	<p><u>Type:</u> Grant</p>	<p><u>My Role:</u> Principal Investigator</p>	<p>Funding Total: (\$35,000.00 Canadian dollar)</p>
2011/6 - 2013/6	<p>University of Ottawa</p> <p><u>Title:</u> Feasibility of measuring dynamic CTA spot sign in acute intracerebral hemorrhage: a pilot study.</p> <p><u>Program:</u> Department of Medicine Research Award for Feasibility Study</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Principal Investigator</p> <p><u>Co-applicant:</u> Santanu Chakraborty</p>	<p>Funding Total: (\$30,000.00 Canadian dollar)</p>
2008/7 - 2010/7	<p>University of Ottawa</p> <p><u>Title:</u> University of Ottawa Research Fellowship Award</p> <p><u>Program:</u> Fellowship Award for New Faculty</p>	<p><u>Type:</u> Fellowship</p>	<p><u>My Role:</u> Principal Applicant</p>	<p>Funding Total: (\$40,000.00 Canadian dollar)</p>

CONTRIBUTIONS:

Life-time summary count according to the following categories:

Refereed Journal Articles	119
Conference Publications	91
Non-Refereed Journal Articles and Collaboration Publications and Review Articles	7
Intellectual Properties	1
Other Contributions	82

PUBLICATIONS:Refereed Journal Articles

119. Román LS, Menon BK, Blasco J, Hernández-Pérez M, Dávalos A, Majoie CBLM, Campbell BCV, Guillemin F, Lingsma H, Anxionnat R, Epstein J, Saver JL, Marquering H, Wong JH, Lopes D, Reimann G, Desal H, Dippel DWJ, Coutts S, du Mesnil de Rochemont R, Yavagal D, Ferre JC, Roos YBWEM, Liebeskind DS, Lenthall R, Molina C, Al Ajlan FS, Reddy V, Dowlatshahi D, Nader-Antoine S, Oppenheim C, Mitha AP, Davis SM, Weimar C, van Oostenbrugge RJ, Cobo E, Kleinig TJ, Donnan GA, van der Lugt A, Demchuk AM, Berkhemer OA, Boers AMM, Ford GA, Muir KW, Brown BS, Jovin T, van Zwam WH, Mitchell PJ, Hill MD, White P, Bracard S, Goyal M; HERMES collaborators. (2018). Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. *Lancet Neurol*, 17(10), 895-904. doi:10.1016/S1474-4422(18)30242-4
Impact Factor: 27.138, Research Type: Clinical Research
118. Menon BK, Al-Ajlan FS, Najm M, Puig J, Castellanos M, Dowlatshahi D, Calleja A, Sohn SI, Ahn SH, Poppe A, Mikulik R, Asdaghi N, Field TS, Jin A, Asil T, Boulanger JM, Smith EE, Coutts SB, Barber PA, Bal S, Subramanian S, Mishra S, Trivedi A, Dey S, Eesa M, Sajobi T, Goyal M, Hill MD, Demchuk AM; INTERRSeCT Study Investigators. (2018). Association of Clinical, Imaging, and Thrombus Characteristics With Recanalization of Visible Intracranial Occlusion in Patients With Acute Ischemic Stroke. *JAMA*, 320(10), 1017-1026. doi:10.1001/jama.2018.12498
117. Tsivgoulis G, Wilson D, Katsanos AH, Sargento-Freitas J, Marques-Matos C, Azevedo E, Adachi T, von der Brelie C, Aizawa Y, Abe H, Tomita H, Okumura K, Hagii J, Seiffge DJ, Lioutas VA, Traenka C, Varelas P, Basir G, Krogias C, Purrucker JC, Sharma VK, Rizos T, Mikulik R, Sobowale OA, Barlinn K, Sallinen H, Goyal N, Yeh SJ, Karapanayiotides T, Wu TY, Vadikolias K, Ferrigno M, Hadjigeorgiou G, Houben R, Giannopoulos S, Schreuder FHBM, Chang JJ, Perry LA, Mehdorn M, Marto JP, Pinho J, Tanaka J, Boulanger M, Salman RA, Jäger HR, Shakeshaft C, Yakushiji Y, Choi PMC, Staals J, Cordonnier C, Jeng JS, Veltkamp R, Dowlatshahi D, Engelter ST, Parry-Jones AR, Meretoja A, Mitsias P, Alexandrov AV, Ambler G, Werring DJ. (2018). Neuroimaging and clinical outcomes of oral anticoagulant associated ICH. [Epub ahead of print]. *Ann Neurol*. doi:10.1002/ana.25342
Impact Factor: 10.244
116. Lee H, Perry J J, English S W, Alkherayf F, Joseph J, Nobile S, Zhou Linghong L, Lesiuk H, Moulton R, Agbi C, Sinclair J, Dowlatshahi D. (2018). Clinical prediction of delayed cerebral ischemia in aneurysmal subarachnoid hemorrhage. *Journal of neurosurgery*, 1-8. doi:10.3171/2018.1.JNS172715

115. Wannamaker R, Guinand T, Menon BK, Demchuk A, Goyal M, Frei D, Bharatha A, Jovin TG, Shankar J, Krings T, Baxter B, Holmstedt C, Swartz R, Dowlatshahi D, Chan R, Tampieri D, Choe H, Burns P, Gentile N, Rempel J, Shuaib A, Buck B, Bivard A, Hill M, Butcher K. (2018). Computed Tomographic Perfusion Predicts Poor Outcomes in a Randomized Trial of Endovascular Therapy. *Stroke*, 49(6), 1426-1433. doi:10.1161/STROKEAHA.117.019806
Research Type: Clinical Research
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10. Dowlatshahi D, Chakraborty P, Bourque P. (2005). Association of pseudoxanthoma elasticum with hereditary sensory-motor polyneuropathy: one lesion for two diseases? *Can Neurol Sci* 32(S1):42.
9. Dowlatshahi D, Fang J, Kawaja M, Hakim A. (2004). Calcium channel blockers and stroke recovery. *Can Neurol Sci* 31(S1):33.
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7. Chen B, Dowlatshahi D, Bown C, MacQueen GM, Wang JF. (2001). Phosphorylated CREB, BDNF, Timm and TUNEL staining in postmortem brain of subjects with mood disorders. *Soc Neurosci Abstr* 27(1):111.
6. Dowlatshahi D, Wang JF, MacQueen GM, Young LT. (1999). Decreased temporal cortex CREB levels and CRE DNA-binding in depressed suicide subjects. *Biological Psychiatry* 45(S8):68.
5. Dowlatshahi D, Wang JF, MacQueen GM, Chen B, Young LT. (1999). Cyclic AMP signaling in postmortem cerebral cortex of subjects with mood disorders. *Soc Neurosci Abst* 25(2):2096.
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1. Kucey W, Martineau I, Dowlatshahi D, Stotts G. (2016). Improving Stroke Door-to-Needle Time Through a Recognition Program. In *American-Heart-Association/American-Stroke-Association International Stroke Conference / State-of-the-Science Stroke Nursing Symposium 47 S1 TP301*.

PRESENTATIONS:

72. Keynote Address. (2018). "Intracerebral Hemorrhage". National / International Annual Neurosurgery Review Course, Ottawa, Canada.
Concurrent Sessions x 2
71. Lecture. (2018). "Ischemic Stroke". Local Undergraduate Medical Education, Ottawa, Canada.

70. Lecture. (2018). "Role of Reversal Agents - CN". National / International International Stroke Conference, Los Angeles, United States.
69. Lecture. (2017). "ICH". Local Emergency Medicine resident's ½ day, Ottawa, Canada.
68. Workshops and/or Round Tables. (2017). "Imaging acute ICH". National / International 3rd European Stroke Organization Conference, Stroke Course, Prague, Czech Republic.
67. Keynote Address. (2017). "Targeting Hematoma Expansion". Local PHRI McMaster Stroke Grand Rounds, Hamilton, Canada.
66. Keynote Address. (2017). "Intracerebral Hemorrhage". National / International Heart and Stroke Foundation of New Brunswick Stroke Conference, Moncton, Canada.
65. Lecture. (2017). "Intracerebral hemorrhage". National / International 3rd European Stroke Organization Conference, Prague, Czech Republic.
64. Workshops and/or Round Tables. (2017). "Intracerebral Hemorrhage". National / International 17th Annual Residents' Stroke Review Course, Montreal, Canada.
63. Lecture. (2017). "Endovascular Thrombectomy". National / International Canadian Stroke Consortium Resident Stroke Course, Ottawa.
62. Workshops and/or Round Tables. (2017). "Intracerebral Hemorrhage". National / International Canadian Stroke Consortium Resident Stroke Course, Ottawa, Canada.
61. Lecture. (2017). "Evidence-Based Medicine, Undergraduate Medical Education Year 2". Local University of Ottawa Medical School, Ottawa, Canada.
60. Keynote Address. (2017). "Endovascular Thrombectomy". National / International 17th Annual Residents' Stroke Review Course, Montreal, Canada.
59. Keynote Address. (2017). "Intracerebral Hemorrhage". National / International Annual Neurosurgery Review Course, Ottawa, Canada.
58. Lecture. (2017). "Ischemic Stroke". Local Undergraduate Medical Education, Ottawa, Canada. University of Ottawa
57. Keynote Address. (2016). "Intracerebral Hemorrhage". Local Ottawa Stroke Summit, Ottawa, Canada.
56. Lecture. (2016). "Evidence-Based Medicine, Undergraduate Medical Education, Year 2". Local University of Ottawa Medical School, Ottawa, Canada.
55. Keynote Address. (2016). "Rare causes of Intracerebral Hemorrhage". National / International 10th World Stroke Conference, Hyderabad, India.
54. Keynote Address. (2016). "The Other Stroke". Local Brain Health Awareness Week, Ottawa, Canada.
53. Keynote Address. (2016). "How to prevent intracerebral hemorrhage expansion". National / International 10th World Stroke Congress Stroke Course, Hyderabad, India.
52. Keynote Address. (2016). "Early career development: combining clinical and research". National / International 10th World Stroke Congress, Hyderabad, India.
51. Keynote Address. (2016). "Hemodynamic control and acute stroke". National / International Canadian Association of Emergency Physicians Annual Conference, Quebec City, Canada.
50. Lecture. (2016). "Critical Care Academic Half-day". Local Critical Care Academic Half-day, Ottawa Hospital, Ottawa, Canada.
49. Keynote Address. (2016). "Stroke Prevention: etiology matters". National / International Newfoundland Stroke Conference, St John's, Canada.
48. Keynote Address. (2016). "Hematoma Expansion". Local Neurosciences Grand Rounds, Ottawa, Canada.
47. Keynote Address. (2016). "Intracerebral haemorrhage". National / International National Neurosurgery Review Course, Ottawa, Canada.
46. Lecture. (2016). "Evidence Based Medicine Undergraduate Medical Education, Year 2". Local University of Ottawa, Medical School, Ottawa, Canada.

45. Lecture. (2016). "Ischemic Stroke". Local Undergraduate Medical Education, 2nd year, Ottawa, Canada.
44. (2016). "Differential diagnosis for Intracerebral hemorrhage". National / International National Resident's Stroke Course, Ottawa, Canada.
43. Workshops and/or Round Tables. (2015). "TIA". Local Ottawa Stroke Summit, Ottawa, Canada.
42. Lecture. (2015). "Biostatistics". Local Neurology 1/2 day Lecture, Ottawa, Canada.
41. Workshops and/or Round Tables. (2015). "Acute Stroke". Local Ottawa Stroke Summit, Ottawa, Canada.
40. Lecture. (2015). "Evidence-Based Medicine, Undergraduate Medical Education Year 2". Local University of Ottawa, Ottawa, Canada.
39. Lecture. (2015). "iRecover: A Journey of Science, Determination & Hope". Local University of Ottawa Brain Health Awareness Week, Ottawa, Canada.
38. Keynote Address. (2015). "Intraventricular hemorrhage expansion". National / International International Stroke Conference, American Heart Association, Nashville, United States.
37. Workshops and/or Round Tables. (2015). "Hyperacute management of blood pressure in stroke and intracerebral hemorrhage". National / International Canadian Stroke Congress Course, Toronto, Canada.
36. Keynote Address. (2015). "Stroke Research and Clinical Treatments". Local Mini Med School, Ottawa, Canada.
35. Keynote Address. (2015). "Human clinical stem cell trials in stroke". National / International Canadian Partnership for Stroke Recovery, Toronto, Canada.
34. Keynote Address. (2015). "Hematoma expansion in intracerebral hemorrhage". Local Montreal Neurological Institute Grand Rounds, Canada.
33. Keynote Address. (2015). "Hematoma expansion in intracerebral hemorrhage". Local University of California San Diego Grand Rounds, San Diego, USA, San Diego, United States.
32. (2015). "Secondary Stroke Prevention". Local Continuing Medical Education, Cornwall Community Hospital, Pembroke, Canada.
31. Keynote Address. (2015). "Hematoma expansion in intracerebral hemorrhage". Local Grand rounds Speaker, McGill University, Montreal, Canada.
30. (2015). "Reducing door-to-needle times". National / International Annual Residents Stroke Course, Canadian Stroke Consortium, Toronto, Canada.
29. (2015). "Intracerebral hemorrhage". National / International National Neurosurgery Review Course, Ottawa, Canada.
28. Informal Talk. (2014). "Stroke Prevention: Etiology matters". National Stroke Course Plenary, Vancouver, Canada.
27. Workshops and/or Round Tables. (2014). "Intracerebral hemorrhage: early vs late spot sign". 9th World Stroke Congress Course, Turkey.
26. Keynote Address. (2014). "Treatment of Intracerebral Hemorrhage". National / International National Neurosurgery Resident Review Course, Ottawa, Canada.
25. Keynote Address. (2014). "Stroke Prevention in Atrial Fibrillation". Local CME, Arnprior, Canada.
24. Workshops and/or Round Tables. (2014). "Anticoagulation workshop". National / International Annual Resident Stroke Course, Canadian Stroke Consortium, Montreal, Canada.
23. Keynote Address. (2014). "Stroke Prevention". Local Regional Geriatrics Program of Eastern Ontario, Ottawa, Canada.
22. Lecture. (2014). "Management of intracerebral hemorrhage". Local Critical Care Fellowship program academic educational day, uOttawa, Ottawa, Canada.
21. Keynote Address. (2014). "Managing coagulation in severe stroke". 9th World Stroke Congress, Istanbul, Turkey.

20. (2014). "Medical Management of Intracranial Hemorrhage". National / International Annual Resident Stroke Course, Canadian Stroke consortium, Montreal, Canada.
19. (2014). "Clinical research in Stroke-recovery". National / International Stroke Program in Neurorecovery (SPiN) Brain Plasticity & Stroke Recovery: Techniques, Canadian Partnerships for Stroke Recovery, Ottawa, Canada.
18. (2014). "Atrial fibrillation and stroke". Local 11th Annual Stroke Update for Physicians, Ottawa, Canada.
17. (2014). "Predicting Hematoma expansion". Local University of Ottawa Department of Medicine Grand Rounds, Ottawa, Canada.
16. (2014). "Advanced CT imaging workshop". National / International Canadian Stroke Consortium National Stroke Course, Ottawa, Canada.
15. Keynote Address. (2013). "Intracerebral hemorrhage: The other Stroke". Local Champlain Regional Stroke Program Stroke Day, Ottawa, Canada.
14. Workshops and/or Round Tables. (2013). "Clinical Stroke Research". National / International Canadian Stroke Network SPiN Neuroscience Course, Montreal, Canada.
13. Workshops and/or Round Tables. (2013). "CT-imaging". National / International Annual Resident Stroke Course, Ottawa, Canada.
12. Keynote Address. (2013). "Seeing Spots: How Can We identify Ongoing Bleeding in Intracerebral Hemorrhage?". Local 6th University of Ottawa Brain Health Research Day, Ottawa, Canada.
11. Keynote Address. (2013). "Common Stroke Syndromes". Local Champlain Regional Stroke Network Interdisciplinary Education Day, Ottawa, Canada.
10. (2012). "Common Stroke Syndromes". Champlain Regional Stroke Program interdisciplinary stroke education day, Ottawa, Canada.
9. Informal Talk. (2012). "Small hematomas have a low spot sign prevalence and are unlikely to expand. (Platform Presentation)". National / International 3rd Canadian Stroke Congress, Calgary, Canada.
8. Informal Talk. (2012). "Calcium channel blockers and stroke recovery. (poster presentation)". Canadian Congress of Neurological Sciences Annual Meeting, Calgary, Canada.
7. Informal Talk. (2012). "Small hematomas have a low spot sign prevalence and are unlikely to expand. (Platform presentation)". AHA International Stroke Conference, New Orleans, United States.
6. Keynote Address. (2012). "The other stroke: Intracerebral hemorrhage". National / International Stroke course, 47th Canadian Neurological Science Congress, Ottawa, Canada.
5. Keynote Address. (2012). "Practical management of intracerebral hemorrhage". Local Ottawa Hospital Department of Rehabilitation Ground Rounds, Ottawa, Canada.
4. Keynote Address. (2011). "Practical management of intracerebral hemorrhage". National / International 2nd Canadian Stroke Congress National Stroke Course, Ottawa, Canada.
3. Keynote Address. (2011). "Early hematoma behaviour presents a therapeutic target". Local Ottawa Hospital Neurosciences Grand Rounds, Ottawa, Canada.
2. Keynote Address. (2011). "Early hematoma behaviour presents a therapeutic target". Local Centre Hospitalier de l'Universite Montreal (CHUM) Neurology Grand Rounds, Montreal, Canada.
1. Keynote Address. (2010). "Contemporary thrombolysis and high-risk stroke therapy". Local Ottawa Hospital Department of Medicine Grand Rounds, Ottawa, Canada.

INTERVIEWS AND MEDIA RELATIONS:

Broadcast Interviews

3. (2017). *RecoverNow for Stroke*. Morning News. CBC Radio 1.
Research Type: Clinical Research

Curriculum Vitae

Dar Dowlatshahi, MD PhD FRCP(C)

2. (2015). *Stroke Research in Ottawa*. CTV News live. CTV.
Research Type: Clinical Research
1. (2015). *Heart & Stroke Foundation Report*. Radio International. CBC.
Research Type: Public Health Research

Text Interviews

6. (2015). *Heart & Stroke foundation Report*. Ottawa sun.
Research Type: Public Health Research
5. (2013). *Global brain edema in ICH*. Neurology today.
4. (2012). *New oral anticoagulants*. Medical Post (front page).
3. (2012). *Stroking out warfarin*. Medical Post.
2. (2011). *Anticoagulant-associated intra-cerebral hemorrhage*. Medical Post.
1. (2011). *Poor prognosis seen in cerebral bleeds despite treatment*. Medical Post.

INTELLECTUAL PROPERTIES:

Patents

1. (2015). Computerized Automatic Detection of Leakage (CARL): METHOD AND SYSTEM FOR IDENTIFYING BLEEDING Patent No. PAT 80049P-2 US.

OTHER CONTRIBUTIONS:

Clinical Care Guidelines

1. Canadian Stroke Best Practice Recommendations: Acute Inpatient Stroke Care Guidelines, Update 2015. doi:10.1177/1747493015622461

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